

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/084275 A3

(51) International Patent Classification⁷: **A61N 1/30**
(21) International Application Number:
PCT/US2005/006437

(22) International Filing Date:
28 February 2005 (28.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/521,148 27 February 2004 (27.02.2004) US

(71) Applicant (for all designated States except US): **IOMED, INC.** [US/US]; 2441 South 3850 West, Suite A, Salt Lake City, UT 84120-9941 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KOSCHINSKY, Ralph** [US/US]; 8764 Oakwood Park Circle, Sandy, UT 84094 (US). **ISAACSON, Jim** [US/US]; 2852 E. Lancaster Drive, Salt Lake City, UT 84108 (US). **HAUSE, Robert, F.** [US/US]; 2699 South Wood Hollow Way, Bountiful, UT 84010 (US).

(74) Agent: **KINSELLA, Joseph, M., Jr.**; Factor & Lake, LTD., 1327 W. Washington Blvd., Suite 5G/H, Chicago, IL 60607 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

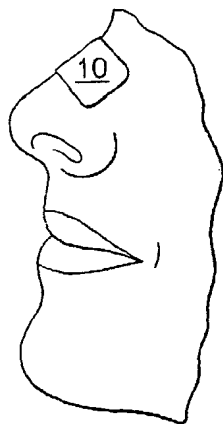
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
13 April 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: IONTOPHORETIC ELECTRODE



(57) Abstract: An electrode for an iontophoretic drug delivery system includes a retainer having a malleable characteristic. The retainer and a conductor are connected to a platform. The conductor and a dose controller are electrically coupled to the iontophoretic drug delivery system. A drug delivery matrix is operably connected to the platform and proximate the conductor wherein the conductor, the drug delivery matrix, and the dose controller cooperate to deliver a drug to a user when the electrode is affixed to the user and operably connected to the iontophoretic drug delivery system.